

ABSTRACT OF THE DISCLOSURE

A GFCI/AFCI circuit breaker includes a housing, separable contacts, and an operating mechanism for opening and closing the separable contacts. A first trip mechanism includes a GFCI/AFCI trip circuit having a resistor. The resistor is energized in response to a trip condition. The first trip mechanism cooperates with the operating mechanism to trip open the separable contacts in response to the trip condition. The resistor has a body which burns open in response to a failure of the separable contacts to trip open. A second trip mechanism engages the body of the resistor and cooperates with the operating mechanism to trip open the separable contacts in response to the body of the resistor burning open.